

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings of claims in the application. Applicants have submitted a new complete claim set showing any marked up claims with insertions indicated by underlining and deletions indicated by strikeouts and/or double bracketing.

Listing of Claims:

1. (Previously Presented) A portable recall device configured to be carried by a wearer comprising:

a camera;

at least one accelerometer operably connected to the camera that detects a stable condition; and

an environmental sensor operably connected to the camera that monitors ambient conditions to detect a capture condition,

wherein detection of the capture condition followed by detection of the stable condition causes capture of an image by the camera.

2. Canceled.

3. Canceled.

4. (Original) The portable recall device of claim 1 further comprising:

an audio recording circuit recording ambient sounds, responsive to detection of the capture condition.

PATENT

5. (Original) The portable recall device of claim 1 wherein the camera includes a wide-angle lens.

6. (Original) The portable recall device of claim 1 wherein the camera includes a fish-eye lens.

7. (Original) The portable recall device of claim 1 wherein detection of the capture condition comprises detection of a change in ambient light.

8. (Original) The portable recall device of claim 1 wherein detection of the capture condition comprises detection of a change in ambient sound.

9. (Original) The portable recall device of claim 1 wherein detection of the capture condition comprises detection of a change in ambient temperature.

10. (Original) The portable recall device of claim 1 wherein detection of the capture condition comprises detection of a change in motion of the wearer.

11. (Original) The portable recall device of claim 1 wherein detection of the capture condition comprises detection of a change in heart rate of the wearer.

12. (Original) The portable recall device of claim 1 wherein detection of the stable condition comprises detection of a signal from the at least one accelerometer indicating that camera acceleration is below a defined threshold.

13. (Original) The portable recall device of claim 1 wherein the at least one accelerometer comprises:

Application Number: 10/790,602
Attorney Docket Number: 306985.01
Filing Date: March 1, 2004

PATENT

a plurality of accelerometers, each accelerometer oriented to detect acceleration along different axis, wherein detection of the stable condition comprises detection of a signal from each accelerometer indicating that camera acceleration is below a defined threshold in each axis.

14. (Original) The portable recall device of claim 1 further comprising:

a gyroscope, wherein detection of the stable condition comprises detection of a signal from the gyroscope indicating that yawing movement of the camera is below a defined threshold.

15. (Original) The portable recall device of claim 1 wherein detection of the capture condition comprises detection of a change in ambient light and the triggering of the capture of the image is delayed by at least a predefined delay period after the detection of the capture condition.

16. (Original) The portable recall device of claim 1 wherein detection of the capture condition comprises detection of a change in a signal from a passive infra red detector triggered by heat from a person in the proximity of the recall device.

17. (Previously Presented) A method comprising:

monitoring acceleration of a camera along at least one axis using an accelerometer;

detecting a capture condition experienced by the camera by monitoring ambient conditions with an environmental sensor;

detecting a stable condition by the at least one accelerometer along the at least one axis, responsive to the operation of detecting the capture condition;—wherein detection of the capture condition followed by detection of the stable condition—causes capture of an image by the camera.

18. Canceled.

Application Number: 10/790,602
Attorney Docket Number: 306985.01
Filing Date: March 1, 2004

19. Canceled.

20. (Original) The method of claim 17 further comprising:
recording ambient sounds responsive to detection of the capture condition.

21. (Original) The method of claim 17 wherein the camera includes a wide-angle lens.

22. (Original) The method of claim 17 wherein the camera includes a fish-eye lens.

23. (Original) The method of claim 17 wherein detecting the capture condition comprises:

detecting a change in ambient light.

24. (Original) The method of claim 17 wherein detecting the capture condition comprises:

detecting a change in ambient sound.

25. (Original) The method of claim 17 wherein detecting the capture condition comprises:

detecting a change in ambient temperature.

26. (Original) . The method of claim 17 wherein detecting the capture condition comprises:

detecting a change in motion of the wearer.

27. (Original) The method of claim 17 wherein detecting the capture condition

Application Number: 10/790,602
Attorney Docket Number: 306985.01
Filing Date: March 1, 2004

comprises:

detecting of a change in heart rate of the wearer.

28. (Original) The method of claim 17 wherein detecting the stable condition comprises:
detecting a signal from the at least one accelerator that indicates that acceleration of the camera is below a defined threshold.

29. (Original) The method of claim 17 wherein detecting the stable condition comprises:
detecting a signal from a gyroscope that indicates that yawing movement of the camera is below a defined threshold.

30. (Original) The method of claim 17 wherein detecting the capture condition comprises:

detecting a change in ambient light, and triggering of the capture of the image is delayed by at least predefined delay period after the detection of the capture condition.

31. (Original) The method of claim 17 further comprising:

reviewing in sequence a plurality of captured images downloaded from the portable recall device.

32. (Previously Presented) A computer readable storage medium for encoding a computer program for executing a computer process on a computer system, the computer process comprising:

monitoring acceleration of a camera along at least one axis using an accelerometer;
detecting a capture condition experienced by the camera by monitoring ambient conditions with an environmental sensor;
detecting a stable condition detected by the at least one accelerometer along the at least

one axis, responsive to the operation of detecting the capture condition;

wherein detection of the capture condition followed by detection of the stable condition causes capture of an image by the camera.

33. (Previously Presented) A digital media player configured to be carried by a wearer comprising:

a camera;

at least one accelerometer operably connected to the camera that detects a stable condition; and

an environmental sensor operably connected to the camera that monitors ambient conditions to detect a capture condition,

wherein detection of the capture condition followed by detection of the stable condition causes capture of an image by the camera.

34-43. (Cancelled).